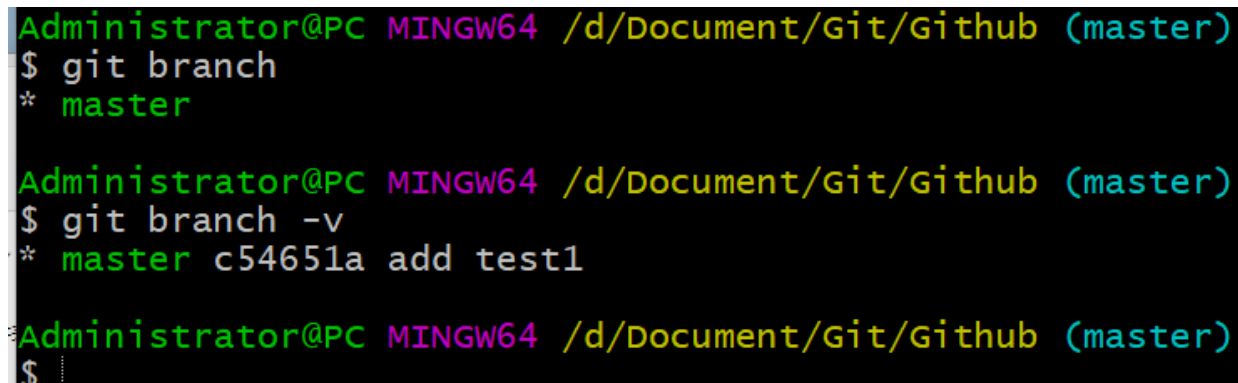


基础

```
1 git branch    # 查看分支
2
```

查看分支

```
1 $ git branch
2 * master
3 -- 查看当前分支版本
4 $ git branch -v
5 * master c54651a add test1
6
```



A terminal window with a black background and colorful text. The prompt is 'Administrator@PC MINGW64 /d/Document/Git/Github (master)'. The first command is '\$ git branch', and the output is '* master'. The second command is '\$ git branch -v', and the output is '* master c54651a add test1'. The third command is '\$', and the output is '\$'.

```
Administrator@PC MINGW64 /d/Document/Git/Github (master)
$ git branch
* master

Administrator@PC MINGW64 /d/Document/Git/Github (master)
$ git branch -v
* master c54651a add test1

Administrator@PC MINGW64 /d/Document/Git/Github (master)
$
```

创建分支

```
1 -- 创建分支
2 $ git branch helloworld
3 --查看创建分支版本
4 $ git branch -v
5     helloworld c54651a add test1
6 * master      c54651a add test1    # *代表当前分支
```

```
Administrator@PC MINGW64 /d/Document/Git/Github (master)
$ git branch helloworld

Administrator@PC MINGW64 /d/Document/Git/Github (master)
$ git branch
helloworld
* master

Administrator@PC MINGW64 /d/Document/Git/Github (master)
$ git branch -v
helloworld c54651a add test1
* master c54651a add test1
```

切换分支

```
1 $ git checkout helloworld # 切换到helloworld
2     Switched to branch 'helloworld'
3     M      test.txt
4     M      test1.txt
5
6 $ git branch -v
7     * helloworld c54651a add test1 # 当前分支
8     master c54651a add test1
```

分支修改

```
1 $ echo aaa >> test1.txt
2
3 Administrator@PC MINGW64 /d/Document/Git/Github (helloworld)
4 $ git add test1.txt
5     warning: LF will be replaced by CRLF in test1.txt.
6     The file will have its original line endings in your working directory
7
8 Administrator@PC MINGW64 /d/Document/Git/Github (helloworld)
```

```
9 $ git commit -m "分支内容修改" test1.txt
10     warning: LF will be replaced by CRLF in test1.txt.
11     The file will have its original line endings in your working directory
12     [helloworld c0c0e91] 分支内容修改
13     1 file changed, 1 insertion(+)
14
15 Administrator@PC MINGW64 /d/Document/Git/Github (helloworld)
16     $ git checkout master
17     Switched to branch 'master'
18     M       test.txt
19
20 Administrator@PC MINGW64 /d/Document/Git/Github (master)
21 $ git branch -v
22     helloworld c0c0e91 分支内容修改
23     * master      c54651a add test1      # 主分支的版本号是不变的
24
```

分支合并

```
1 1、切换到主分支
2 $ git checkout master
3     Switched to branch 'master'
4 2、将分支内容合并到主分支
5 $ git merge helloworld
6     Auto-merging test1.txt
7     CONFLICT (content): Merge conflict in test1.txt
8     Automatic merge failed; fix conflicts and then commit the result.
9 3、处理修改文件不一致
10 4、提交
11 $ git add test1.txt
12 5、合并
13 $ git commit -m "修改成功合并"
14     [master b4f8691] 修改成功合并
```

合并，git commit合并时不能带文件名

